VII. *Account of an Earthquake. By* John Lloyd, *Eſq. in a Letter to Sir* Joſeph Banks, *Bart. P. R. S.*

Read January 23, 1783.

TO SIR JOSEPH BANKS, BART. P. R. S.

Wickwer near St. Aſaph,
DEAR SIR, Nov. 16, 1782.

UPON Saturday the 5th of October laſt, between eight and nine o'clock in the evening, a ſhock of an earthquake was felt in ſeveral parts of this principality, by many perſons, though not generally. At Mold, in the county of Flint, it was diſtinctly perceived by a gentleman, at that time in a houſe quite out of the town, and ſeemed attended with a rumbling noiſe, like a carriage going over a pavement, ſo that if his ſituation had not rendered that ſenſation impoſſible, he ſhould have aſcribed it to that; and at the ſame time ſome China cups and ſaucers rattled very much, that were upon a table in the room with him.

At the palace, at Bangor, it was perceived by all the biſhop's family at about thirty-nine minutes paſt eight o'clock, with the ſame kind of rumbling, and a double vibration. Many other perſons in that neighbourhood were ſenſible of it.

In many places in the iſle of Angleſey it was ſtrongly felt; at Bodorgan, the ſeat of OWEN P. MEYRICK, eſq. it was thought by the family that a carriage had driven up to the door. In anſwer to ſome enquiries made, I received the following

lowing account of an ingenious friend of mine, who is concerned in the great copper mine at Paris Mountain, and was at that time within a mile of the mine at his own houſe.

" I perceived the earthquake to begin at Amlwoh at 40′ paſt " eight o'clock at night, on Saturday the 5th of October. The " ſhock was great and alarming. The houſe in which I was " was ſhaken terribly, and underwent ſeveral vibrations for " the continuance of near a quarter of a minute. I thought " it moved from N.E. to S.W. but was not certain. It was " attended with a rumbling noiſe, as loud as thunder, and " like it juſt before it ceaſes. I have made an enquiry at ſeveral " diſtant parts in the iſland to the S.W. about it, to have found " out, if poſſible, at what rate it moved, but in vain."

At the time it was felt in the places I have mentioned, I was at St. Aſaph with ſome other gentlemen, looking over ſome pariſh accounts; but none of us perceived it, though it was perceived by a relation of mine, who was then alone, reading at the diſtance of a mile and a half from us, and in the line between Angleſey and Mold, ſo that I was probably further north than the ſhock reached. I judge every phenomenon of this kind to be intereſting to the ſpeculative obſervers of nature. You may probably be of the ſame opinion; and if you are, and ſhould think this imperfect account of ſufficient conſequence, you will pleaſe to lay it before the Royal Society.

I have the honour to be, &c.